

# ISTE Standards 1 & 2

Deb Kitchenner

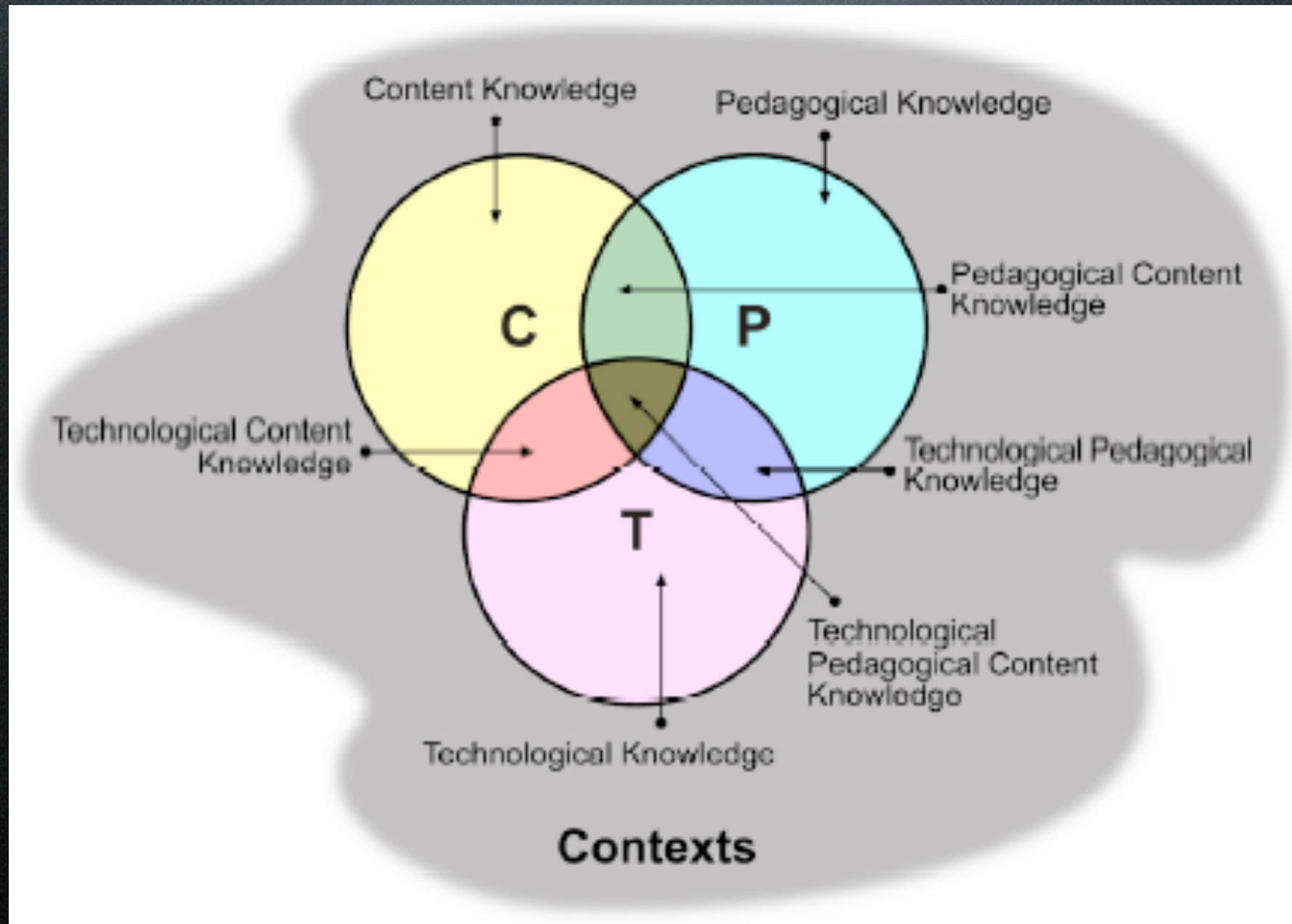
[virtuallylearning.wikispaces.com](http://virtuallylearning.wikispaces.com)



# Standard 1: Facilitate and Inspire Student Learning and Creativity

- Use knowledge of curriculum, pedagogy and technology to facilitate experiences that advance student learning, creativity and innovation
- Both f2f & virtual





the TPACK framework (Mishra & Koehler, 2008)



- Promote student reflections using collaborative tools to reveal and clarify students' conceptual understanding and thinking; planning and creative processes





- Model collaborative knowledge construction by engaging in learning with students, colleagues and others in f2f and virtual environments





## Standard 2: Design & Develop Digital-Age Learning Experiences & Assessments

- Teachers design, develop and evaluate authentic learning experiences and assessments incorporating contemporary tools and resources.
- Maximize content learning in context and develop knowledge, skills and attitudes identified in NETS



- Design or adapt relevant learning that incorporate digital tools and resources to promote learning and creativity

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**Domtar**

The advertisement features a woman in a blue dress standing next to a man in a superhero costume sitting and reading a comic book titled 'Galaxy Stories'. The background is a light blue gradient.



- Develop technology rich environments that enable students to pursue personal curiosities and become participants in setting their own educational goals, manage their learning and assess their progress













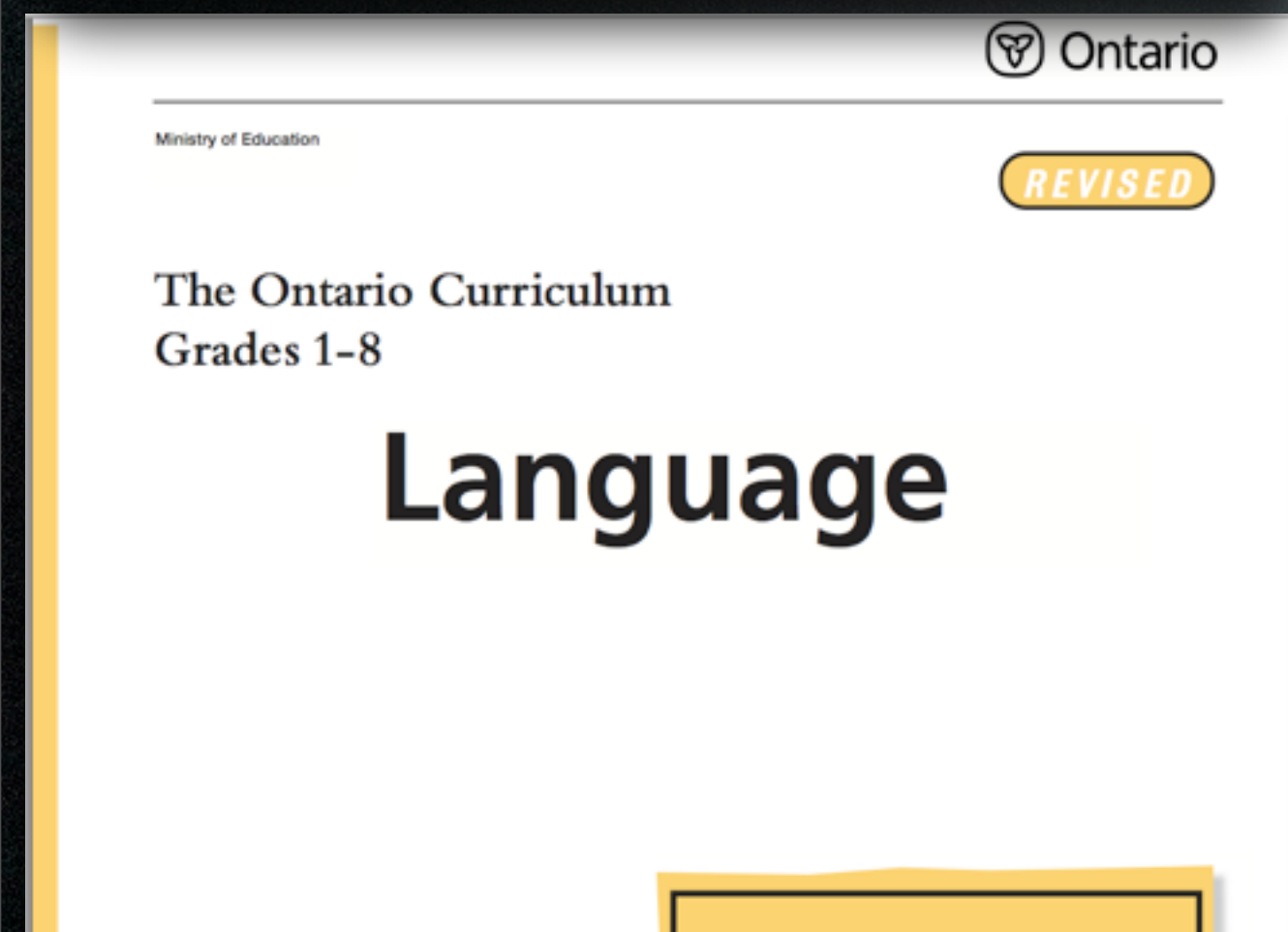
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# Language



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# Guidelines for Instruction





Intro: KSA

Administrators

Managers

Students

Superintendents

Support Staff

System Based  
Classroom Support

Teachers and  
Classroom Support

Trustees

## Knowledge, Skills and Attitudes for Digital Literacy

*Literacy in the 21st Century is the acquisition of knowledge, skills and attitudes that enable achievement, personal well-being and full participation in an interconnected and changing world community. –YRDSB, 2010.*

This document acknowledges the need for a shift in the knowledge, skills and attitudes (KSAs) required to succeed in our global society. Our ongoing quest to be fully literate members who are able to participate in the information ages requires that we connect literacy with current and future technological tools in order to achieve full participation in the information age. The process of integrating literacy and technology is referred to as 'digital literacy'.

The pursuit of continuous growth in the acquisition of the knowledge, skills and attitudes (KSAs) for digital literacy applies to all staff and students in the organization. The reasoning behind this goal is to improve staff efficacy and increase engagement and achievement amongst all learners.

This document reflects the Board's expectations/commitment for strengthening the knowledge, skills and attitudes that prepare our students for life in our changing world community. These knowledge, skills and attitudes are modelled and practiced in our classrooms, our schools and our workplaces.

This document is a guide towards a vision of learning and working that includes digital literacy for all students and staff.



York Region DSB would like to acknowledge ISTE for use of the ISTE NETS. Modifications to the ISTE documents have taken place with permission and any interpretation of the ISTE standards document is the responsibility of the York Region District School Board

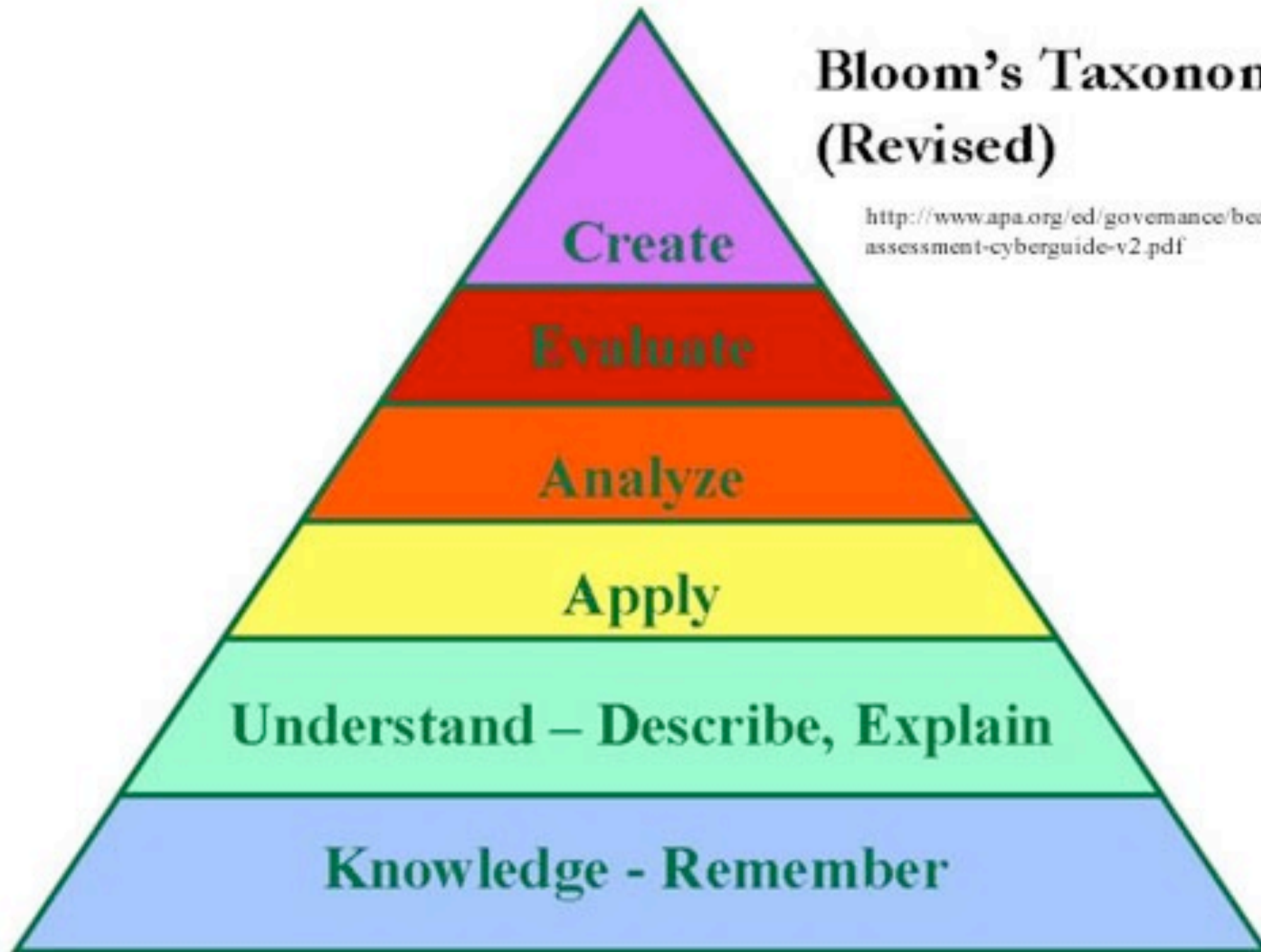


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Digital Literacy  
Framework PDF



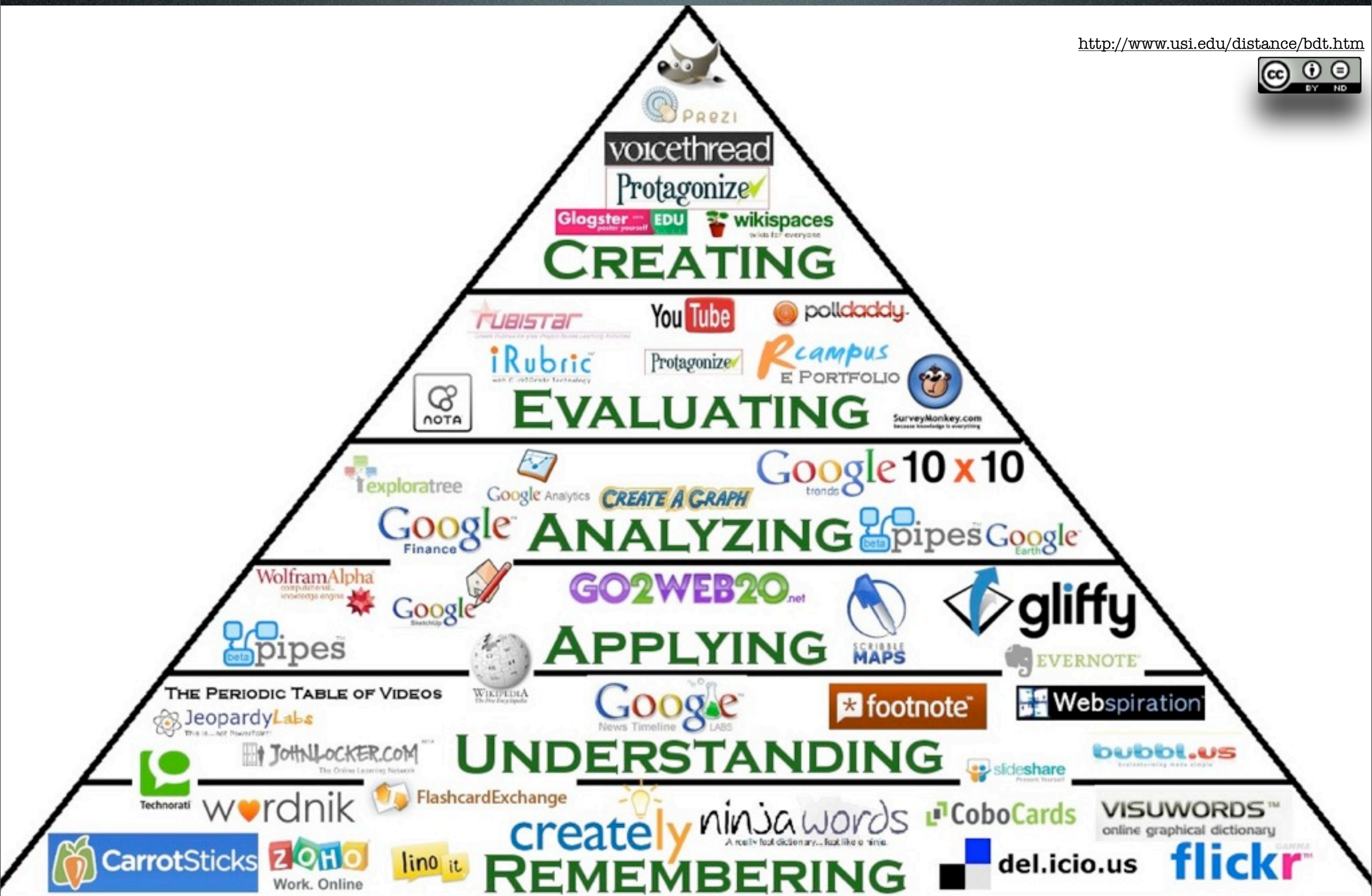
# Bloom's Taxonomy (Revised)

<http://www.apa.org/ed/governance/bea/assessment-cyberguide-v2.pdf>



Based on an APA adaptation of Anderson, L.W. & Krathwohl, D.R. (Eds.) (2001)



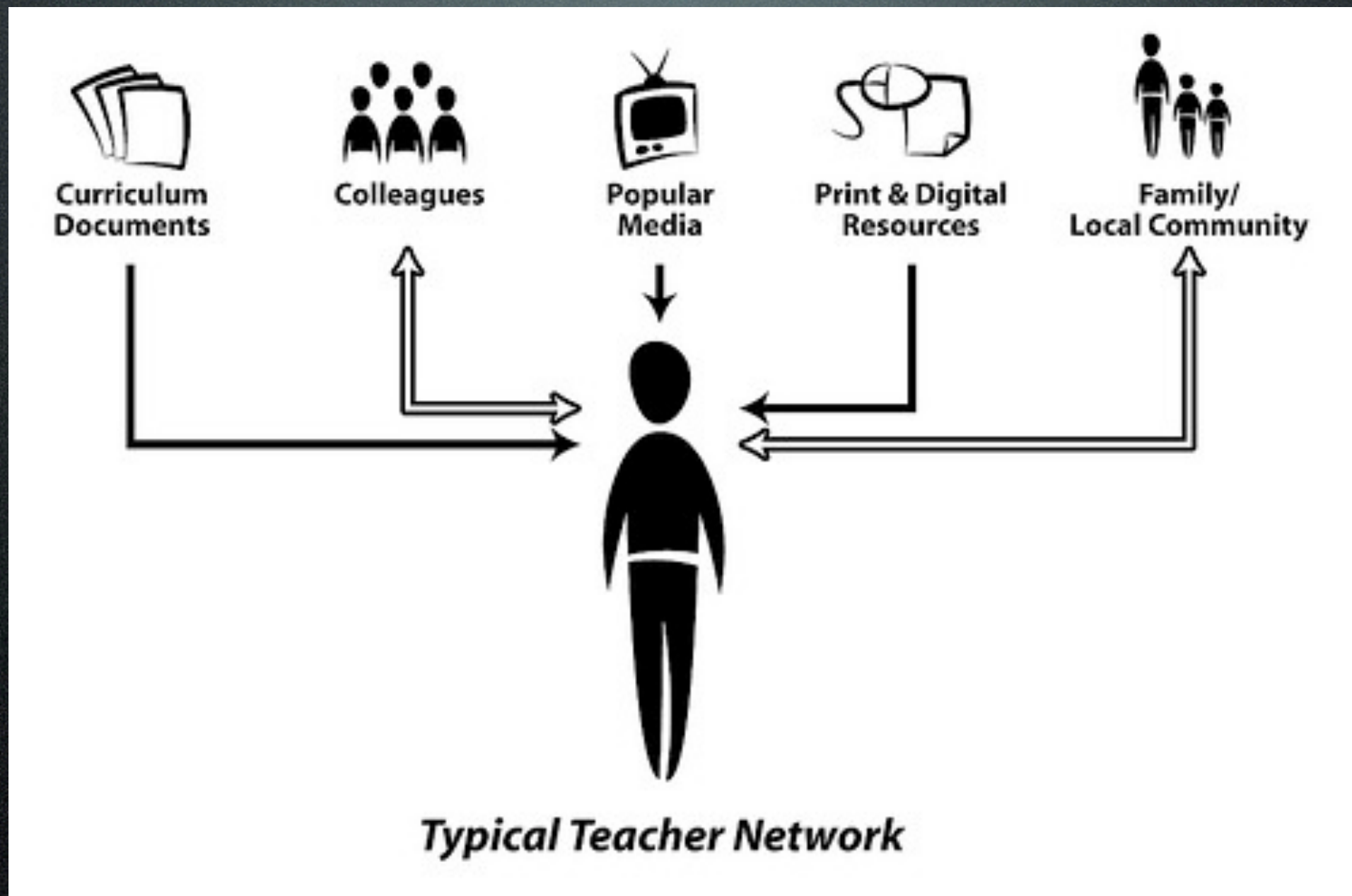




Need	Solution	Web Tool
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Work in pairs or triads





# Designing Learning

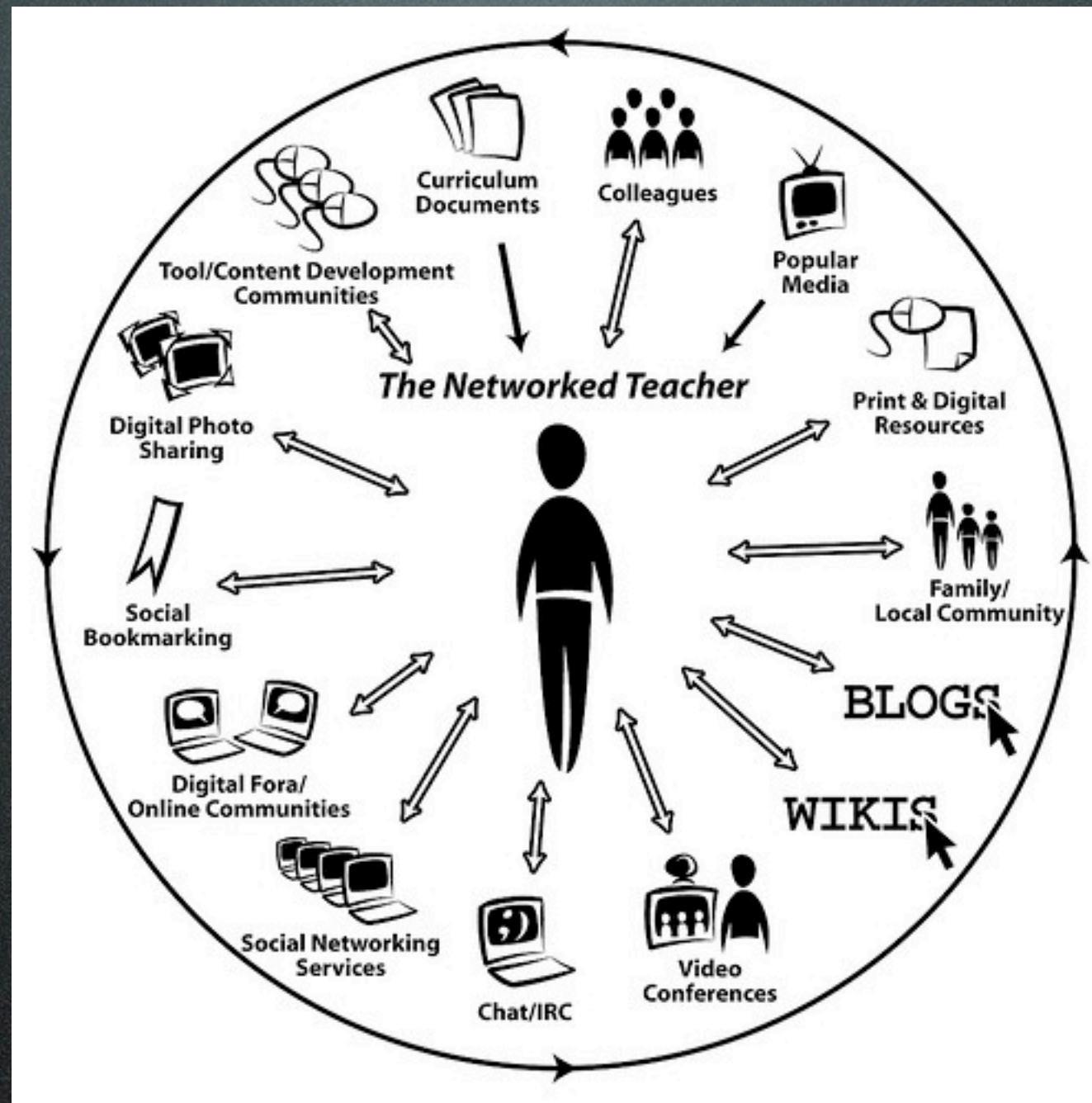




# Designing Learning







# Designing Learning





[www.osapac.org](http://www.osapac.org)

Grolier Online

Learn 360

Naxos Music

Bitstrips

Smart Ideas

Comic Life

Frames 4

Bookflix







# Knowledge Ontario



## C Classroom Resources



Bitstrips for  
Schools

+ View Description



Bookflix  
Literacy  
Resource

+ View Description



Discovery  
Education

+ View Description



Gizmos

+ View Description



Grolier  
Online

+ View Description



Knowledge  
Ontario  
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Naxos  
Music  
Library

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## C Curriculum Resources



Alternate  
Education  
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Ontario (AERO)

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Career  
Cruising

+ View Description



ESRI  
Canada ESRI  
CANADA

+ View Description



Media  
Smarts

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Ontario  
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Resource Bank

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Health & Physical  
Education  
Curriculum  
Resources

+ View Description



The Ontario  
Curriculum

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Tools for  
Thought

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# Literacy in a Digital World



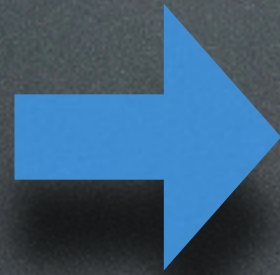
# Literacy in a Digital World

- Find
- Access
- Analyze
- Synthesize
- Evaluate
- Communicate
- Collaborate



# Literacy in a Digital World

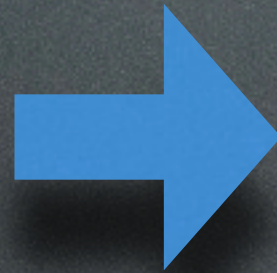
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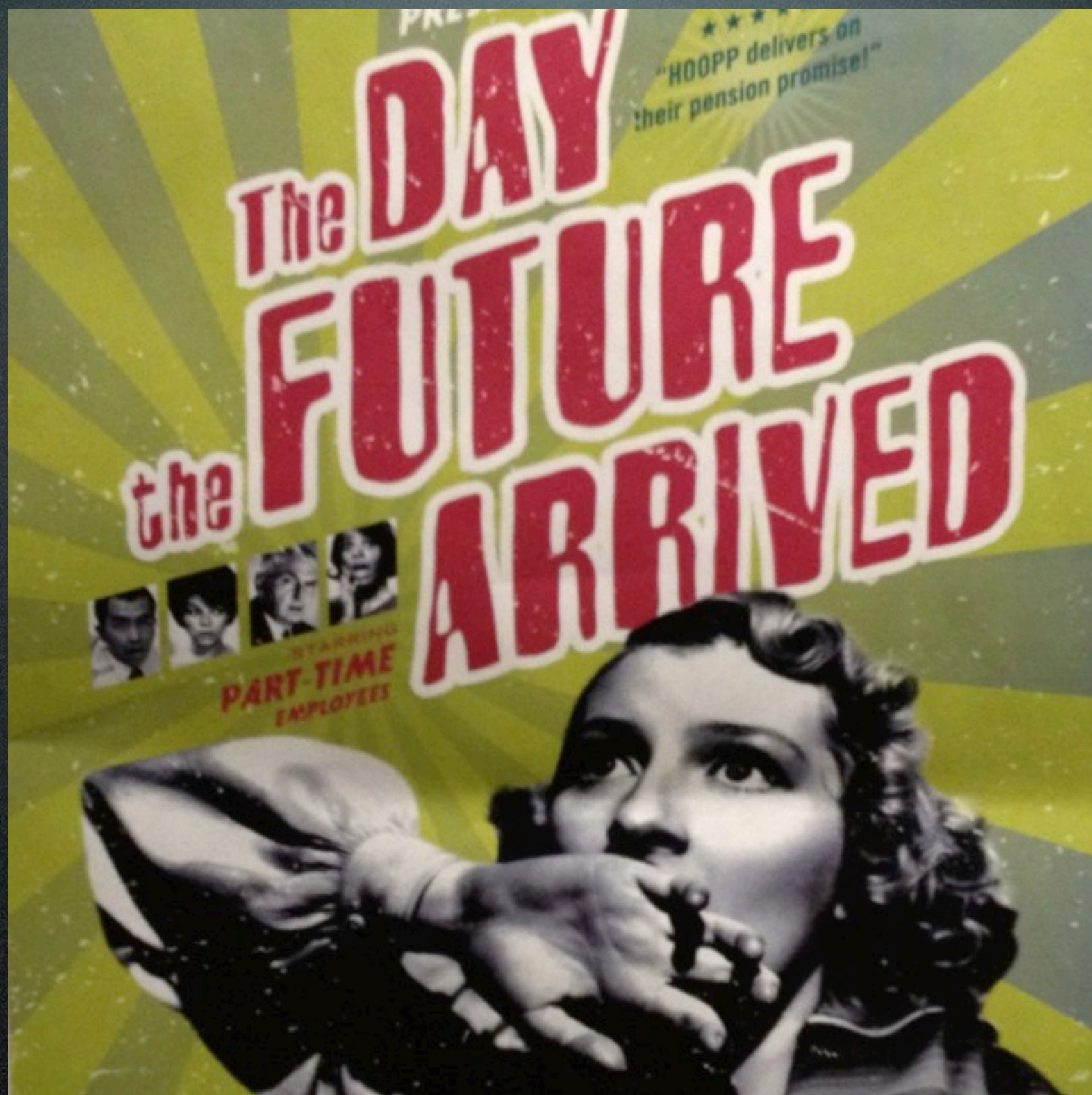
# Literacy in a Digital World

- Find
- Access
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- Communicate
- Collaborate



- Information Sharing
- Collaborative Learning Communities
- Ideas and Innovation
- Knowledge Building
- Mass Participation
- Creativity





How will ISTE standards guide your pathway for teaching & learning?





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